



Issue 1, Volume 1

- As of October, 2013, KHIE has 454 signed participation agreements (representing 1072 locations)
- Over **500** Live Connections
- Over **\$131m** has been paid to Medicaid providers and hospitals in KY, through the EHR Incentive Program
- As of October, 2013, KHIE averages over **48,000** queries per week

Welcome to the first edition of the Kentucky Health Information Exchange Newsletter!

Governor Steve Beshear issued an Executive Order in August 2009, establishing the Governor's Office of Electronic Health Information in the Cabinet for Health and Family Services to oversee the advancement of health information exchange in Kentucky.

KHIE continues to build its robust health information exchange and allows providers to access the right information at the right time in order to make the right decisions. KHIE also fulfills several objectives for Stages 1 and 2 of the EHR Incentive Program, Meaningful Use. Overall, the KHIE works to fulfill the three-part aim: better care, lower costs, improved public health.

Did you know?

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KHIE is becoming a Health Information Service Provider (HISP) and will offer **Direct secure clinical messaging!**

KHIE is also providing a **Patient Health Record (PHR)** to participating providers!

The Kentucky Health Information Exchange



Cabinet for Health and Family Services

The Kentucky Health Information Exchange is situated within the Cabinet for Health and Family Services . The KHIE collaborates with several departments within the Cabinet to serve as the state-wide health information exchange.

KHIE leverages its existing relationships to deploy programs such as the EHR Incentive Program, housed in the Department for Medicaid Services, as well as state-wide initiatives, such as the KY ER SMART (Supportive, Multidisciplinary, Alternatives and Responsible Treatment) initiative which aims to reduce over-utilization of Emergency Rooms.

The KHIE continues to advance in concert with the changes in health information technology, while aligning it's vision with the Centers for Medicare and Medicaid Services, three-part aim.

Public Health Reporting and Meaningful Use

KHIE and Meaningful Use

- ⇒ Submission of immunization messages to the KY Immunization Registry
- ⇒ Syndromic Surveillance/ Admit, Discharge, Transfer (ADT) monitoring that is routed to the Centers for Disease Control and Prevention cloud-computing model, BioSense 2.0
- ⇒ Reportable Labs/Diseases— Lab results filtering to the National Electronic Disease Surveillance System (NEDSS)
- ⇒ Submission to the Kentucky Cancer Registry

On September 4, 2012, the Centers for Medicare and Medicaid Services published the Stage 2 Meaningful Use Final Rule in the Federal Register which outlined the objectives and measures for the federally funded Electronic Health Record Incentive Program—which allows eligible providers (EPs), eligible hospitals (EHs) and critical access hospitals (CAHs), to qualify for incentive payments when using certified EHR technology (CEHRT) to achieve objectives outlined by the CMS.

The requirements for public health reporting in Stage 2, (which commences January 2014), will expand upon those objectives found in Stage 1 Meaningful Use, with a heightened emphasis on connecting with state registries and health information exchanges. The Kentucky Health Information Exchange acts as a *mail delivery service* and distributes public health information generated from CEHRT systems to local public health agencies and registries.



Public Health Reporting and Meaningful Use

Immunization Reporting

For both EPs and EHs, this menu objective moves to a core objective in Stage 2 and changes from a test to the ongoing submission of immunization data to registries. In Kentucky, the KHIE serves as the proxy for the immunization registry, and successful participation with the KHIE is the only means to attest to this MU objective.

Syndromic Surveillance (SS)

In Stage 2, SS moves to a core objective for hospitals and remains a menu objective for providers. In In Stage 2, providers and hospitals alike must successfully submit electronic SS data on an ongoing basis for the entire EHR reporting period. EHs and EPs must participate with the KHIE in order to submit SS data to BioSense 2.0, a cloud-computing model operated by the Centers for Disease Control and Prevention, required for attestation.

Reportable Laboratory Results

In Stage 2, this objective requires the successful ongoing submission of electronic reportable laboratory results from the CEHRT to public health agencies for the entire reporting period. The KHIE monitors and alerts the Department for Public Health (as necessary) via active surveillance, or utilizing passive monitoring, hospitals can monitor and alert the Department for Public Health via KHIE.

Cancer Cases

Stage 2, this objective requires the successful ongoing submission of cancer case information from the CEHRT to a public health central cancer registry for the entire EHR reporting period. The KHIE currently monitors and forwards cancer cases to the Kentucky Cancer Registry (KCR).

Specific Cases

This objective is only applicable to providers and is a new menu objective in Stage 2. In Stage 2, this objective requires the successful ongoing submission of specific case information from the CEHRT to specialized (other than a cancer registry) registry for the entire EHR reporting period. The KHIE plans to monitor and forward specific cases to a specialized registry in Kentucky.

Direct Secure Clinical Messaging

“...a **simple, secure, scalable**, standards-based way for participants to send **authenticated, encrypted health information** directly to know, trusted recipients over the Internet.”



Information you Can Share Securely

- ⇒ Patient Encounter Notes
- ⇒ Continuity of Care Documents
- ⇒ Transition of Care Documents
- ⇒ Hospital Documents
- ⇒ Summary of Care Documents
- ⇒ Test Results
- ⇒ Medications and Allergies

KEY POINTS

- KHIE is offering Direct secure messaging
- Providers can send health information via the internet in a secure and encrypted format
- KHIE is a Direct Trust Accredited (DTAAP NIST Level 3 of Assurance) Health Information Service Provider (HISP)
- Fulfills objectives found in Stage 2 Meaningful Use
- To participate with Direct, contact your regional Outreach Coordinator to begin the on-boarding process
- KHIE is an eHealth Exchange participant

Patient Health Record



Uploads all relevant patient health information

Ability to view, download and transmit patient health record



KHIE facilitates the secure exchange of electronic health information



Provider verifies patient information in PHR and communicates securely to patient

Satisfies requirements for meaningful use

KEY POINTS

- The KHIE is standing up a Personal Health Record (PHR)/Patient Portal
- The PHR will enable secure communication between providers and patient
- Goal is to eliminate duplicative testing and confusion
- Fulfills Meaningful Use criteria for 2014 and Stage 2
- Enhances consumer engagement with health information
- Providers will be able to send patients secure messages using KHIE's HISP
- A patient from the PHR will be able to send secure messages to a provider utilizing KHIE's HISP

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Connect with KHIE

Offering a safe and secure connection for the exchange of electronic health data .

[Learn More](#)

EHR Incentive Program

Eligible providers and hospitals may qualify for monetary incentives.

[Learn More](#)

Technology

Learn more about technology associated with KHIE and the KHIE Community Portal.

[Learn More](#)

News and Resources

Read recent press releases, view a provider map and more.

[Learn More](#)

Governor Steve Beshear issued an Executive Order in August 2009, establishing the Governor's Office of Electronic Health Information in the Cabinet for Health and Family Services to oversee the advancement of health information exchange in Kentucky. [Read more about the history of the Kentucky Health Information Exchange.](#)

Connected Providers



[Select a county from the map to find out who is connected.](#)

Contact Us

Are you a healthcare provider, hospital or other organization ready to connect to KHIE? Do you have questions, comments or need more information about the program? [Fill out this form to contact KHIE.](#)

About and Resources

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